

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/ES 2004/000320

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07K 7/06, 7/08, A61K 38/08,38/10, C12N 15/11, A61P 1/16, 43/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07K, A61K, C12N, A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CIBEPAT, EPODOC, REG, HCAPLUS

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
	<p>JP 8151396 A (TEIJIN, LTD), 11.06.1996, SEQ ID n° 66.</p> <p>WO 0024782 A (AMGEN INC.), 04.05.2000, <b>page 425</b>, SEQ ID n° 1099.</p> <p>ISHIKAWA, D. et al. "GD1<math>\alpha</math>-replica peptides functionally mimic GD1<math>\alpha</math>, an adhesion molecule of metastatic tumor cells, and suppress the tumor metastasis". FEBS LETTERS, 1998, Vol. 441, <b>pages 20-24, The whole document, in particular Table 1 peptide 3.</b></p> <p>ES 2146552 A (INSTITUTO CIENTÍFICO Y TECNOLÓGICO DE NAVARRA, S.A.), 01.08.2000.</p>	

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

Date of the actual completion of the international search

27 SEP 2004 (27.09.04)

Date of mailing of the international search report

08 OCT 2004 (08.10.04)

Name and mailing address of the ISA/

S.P.T.O.

Authorized officer

Facsimile No.

Telephone No.

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**Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)**

This International Searching Authority found multiple inventions in this international application, as follows:

☒ Claims Nos.: 1-3

**The subject matter of the invention is not clearly defined and the precise technical features of the hypothetical sequence peptides comprising between 3 and 15 amino acids are not supported. The search was restricted to the sequences specified in the list of the sequences representing the peptides obtained in the examples.**

**PCT Rule 6.3(ii)**

**Box III**

**Invention 1. -peptides of SEQ ID NOs: 1-16, 18-22 with the ability to bond to TGF- $\beta$ 1.**

**Invention 2. -peptides of SEQ ID NOs: 17 and 24 to 36 with the ability to bond to TGF- $\beta$ 1.**

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

PCT/ ES 2004/000320

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP8151396 A	11.06.1996	NONE	-----
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